

| CLAIMS ONLY | | | | | | | SERIAL NO. <div style="text-align: center;">0091782</div> | FILING DATE |
|--------------------|----------|------|---------------------|------|---------------------|------|--|-------------|
| | | | | | | | APPLICANT(S) <div style="text-align: center; font-size: 2em;">A</div> | |
| CLAIMS | | | | | | | | |
| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | |
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | |
| 1 | 1 | | | | | | | |
| 2 | | 1 | | | | | | |
| 3 | | 1 | | | | | | |
| 4 | | 2 | | | | | | |
| 5 | | 2 | | | | | | |
| 6 | | 1 | | | | | | |
| 7 | | 1 | | | | | | |
| 8 | | 4 | | | | | | |
| 9 | | 4 | | | | | | |
| 10 | | 4 | | | | | | |
| 11 | | 4 | | | | | | |
| 12 | | 2 | | | | | | |
| 13 | | 4 | | | | | | |
| 14 | | 4 | | | | | | |
| 15 | | 1 | | | | | | |
| 16 | | 1 | | | | | | |
| 17 | | 1 | | | | | | |
| 18 | | 1 | | | | | | |
| 19 | | 1 | | | | | | |
| 20 | | 1 | | | | | | |
| 21 | | 1 | | | | | | |
| 22 | | 1 | | | | | | |
| 23 | | 1 | | | | | | |
| 24 | | 1 | | | | | | |
| 25 | | 1 | | | | | | |
| 26 | | 1 | | | | | | |
| 27 | | 1 | | | | | | |
| 28 | | 1 | | | | | | |
| 29 | | 1 | | | | | | |
| 30 | | 1 | | | | | | |
| 31 | | 5 | | | | | | |
| 32 | | 5 | | | | | | |
| 33 | | 5 | | | | | | |
| 34 | | 5 | | | | | | |
| 35 | | 5 | | | | | | |
| 36 | | 1 | | | | | | |
| 37 | | 1 | | | | | | |
| 38 | | 1 | | | | | | |
| 39 | | 2 | | | | | | |
| 40 | | 2 | | | | | | |
| 41 | | 1 | | | | | | |
| 42 | | 1 | | | | | | |
| 43 | | 1 | | | | | | |
| 44 | | 1 | | | | | | |
| 45 | | 1 | | | | | | |
| 46 | | 1 | | | | | | |
| 47 | | 1 | | | | | | |
| 48 | | 7 | | | | | | |
| 49 | 1 | | | | | | | |
| 50 | | 1 | | | | | | |
| TOTAL IND. | | | | | | | | |
| TOTAL DEP. | | | | | | | | |
| TOTAL CLAIMS | | | | | | | | |
| 51 | | 1 | | | | | | |
| 52 | | 2 | | | | | | |
| 53 | | 2 | | | | | | |
| 54 | | 1 | | | | | | |
| 55 | | 1 | | | | | | |
| 56 | | 2 | | | | | | |
| 57 | | 2 | | | | | | |
| 58 | | 2 | | | | | | |
| 59 | | 2 | | | | | | |
| 60 | | 2 | | | | | | |
| 61 | | 2 | | | | | | |
| 62 | | 2 | | | | | | |
| 63 | | 1 | | | | | | |
| 64 | | 1 | | | | | | |
| 65 | | 1 | | | | | | |
| 66 | | 1 | | | | | | |
| 67 | | 1 | | | | | | |
| 68 | | 1 | | | | | | |
| 69 | | 1 | | | | | | |
| 70 | | 1 | | | | | | |
| 71 | | 1 | | | | | | |
| 72 | | 1 | | | | | | |
| 73 | | 1 | | | | | | |
| 74 | | 1 | | | | | | 1 x 57 = 57 |
| 75 | | 3 | | | | | | |
| 76 | | 3 | | | | | | 9 x 17 = 36 |
| 77 | | 3 | | | | | | |
| 78 | | 3 | | | | | | 3 x 4 = 12 |
| 79 | | 1 | | | | | | |
| 80 | | 1 | | | | | | 5 x 5 = 25 |
| 81 | | 1 | | | | | | |
| 82 | | 2 | | | | | | 6 x 6 = 24 |
| 83 | | 2 | | | | | | |
| 84 | | 1 | | | | | | 1 x 7 = 7 |
| 85 | | 1 | | | | | | |
| 86 | | 1 | | | | | | |
| 87 | | 1 | | | | | | |
| 88 | | 1 | | | | | | |
| 89 | | 1 | | | | | | |
| 90 | | 1 | | | | | | |
| 91 | 1 | | | | | | | |
| 92 | | 1 | | | | | | |
| 93 | | 2 | | | | | | |
| 94 | | | | | | | 4 | |
| 95 | | | | | | | 1 | |
| 96 | | | | | | | 1 | |
| 97 | | | | | | | 1 | |
| 98 | | | | | | | 1 | |
| 99 | | | | | | | 1 | |
| 100 | | | | | | | 1 | |
| TOTAL IND. | 3 | | | | | | | |
| TOTAL DEP. | 159 | | | | | | 10 | |
| TOTAL CLAIMS | 162 | | | | | | 10 | |

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

| MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET (FOR USE WITH FORM PTO-875) | | | | | | | SERIAL NO. | FILING DATE | | | | | |
|--|----------|------|------------------------|------|------------------------|------|--------------|-------------|------|------|------|------|------|
| | | | | | | | APPLICANT(S) | | | | | | |
| CLAIMS | | | | | | | | | | | | | |
| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * | |
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 10 1 | | 1 | | | | | 51 | | | | | | |
| 10 2 | | 1 | | | | | 52 | | | | | | |
| 10 3 | | 1 | | | | | 53 | | | | | | |
| 10 4 | | 1 | | | | | 54 | | | | | | |
| 10 5 | | 2 | | | | | 55 | | | | | | |
| 10 6 | | 2 | | | | | 56 | | | | | | |
| 10 7 | | 1 | | | | | 57 | | | | | | |
| 10 8 | | 1 | | | | | 58 | | | | | | |
| 10 9 | | 1 | | | | | 59 | | | | | | |
| 10 10 | | 1 | | | | | 60 | | | | | | |
| 11 1 | | | 1 | | | | 61 | | | | | | |
| 11 2 | | | 1 | | | | 62 | | | | | | |
| 11 3 | | | 1 | | | | 63 | | | | | | |
| 11 4 | | | | | | | 64 | | | | | | |
| 11 5 | | | | | | | 65 | | | | | | |
| 11 6 | | | | | | | 66 | | | | | | |
| 11 7 | | | | | | | 67 | | | | | | |
| 11 8 | | | | | | | 68 | | | | | | |
| 11 9 | | | | | | | 69 | | | | | | |
| 11 10 | | | | | | | 70 | | | | | | |
| 21 | | | | | | | 71 | | | | | | |
| 22 | | | | | | | 72 | | | | | | |
| 23 | | | | | | | 73 | | | | | | |
| 24 | | | | | | | 74 | | | | | | |
| 25 | | | | | | | 75 | | | | | | |
| 26 | | | | | | | 76 | | | | | | |
| 27 | | | | | | | 77 | | | | | | |
| 28 | | | | | | | 78 | | | | | | |
| 29 | | | | | | | 79 | | | | | | |
| 30 | | | | | | | 80 | | | | | | |
| 31 | | | | | | | 81 | | | | | | |
| 32 | | | | | | | 82 | | | | | | |
| 33 | | | | | | | 83 | | | | | | |
| 34 | | | | | | | 84 | | | | | | |
| 35 | | | | | | | 85 | | | | | | |
| 36 | | | | | | | 86 | | | | | | |
| 37 | | | | | | | 87 | | | | | | |
| 38 | | | | | | | 88 | | | | | | |
| 39 | | | | | | | 89 | | | | | | |
| 40 | | | | | | | 90 | | | | | | |
| 41 | | | | | | | 91 | | | | | | |
| 42 | | | | | | | 92 | | | | | | |
| 43 | | | | | | | 93 | | | | | | |
| 44 | | | | | | | 94 | | | | | | |
| 45 | | | | | | | 95 | | | | | | |
| 46 | | | | | | | 96 | | | | | | |
| 47 | | | | | | | 97 | | | | | | |
| 48 | | | | | | | 98 | | | | | | |
| 49 | | | | | | | 99 | | | | | | |
| 50 | | | | | | | 100 | | | | | | |
| TOTAL IND. | | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | 12 | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | 12 | | | | | | TOTAL CLAIMS | | | | | | |